Subject: creating elliptically shaped images
Posted by mruschin on Mon, 24 Nov 2003 15:12:37 GMT

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I'd like to form an image which has an elliptical shape and where all
the pixels within this ellipse have values corresponding to any given
function that I would specify, the simplest example being a uniform
image (i.e. a value of 1 for all the pixels in the ellipse). Is there
any nice way to do this in IDL or MATLAB other than looping through
all the pixels and determining whether any given one lies within the
ellipse?

Mark